

## In the Claims

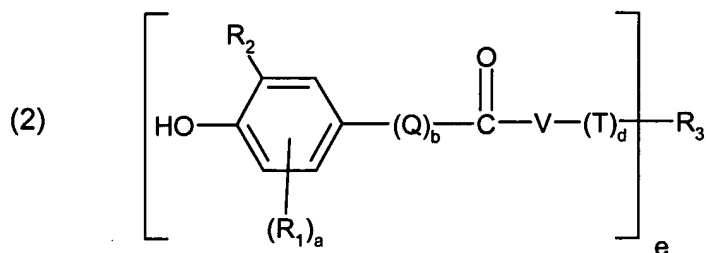
1-32. (canceled)

33. (currently amended) A method of preventing photooxidation and autoxidation processes in

body-care products selected from body oils, body lotions, body gels, treatment creams, skin powders, skin protection ointments, shaving preparations, bath and shower additives, scents, perfumes, toilet waters, shaving lotions, ~~hair care products selected from agents for styling~~ and treating hair, perming agents, hair sprays and lacquers, hair dyeing or bleaching agents, dentifrices, deodorizing and antiperspirant preparations, decorative preparations, light protection formulations, ~~and preparations containing active ingredients selected from hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations,~~

or in household products selected from shoe polishes, polishing waxes, floor detergents and polishes, metal, glass and ceramic cleaners, textile care agents, agents for removing rust, color and stains[.]] and furniture and multipurpose polishes,

which method comprises incorporating into said body-care or household products one or more phenolic antioxidants of formula



wherein in formula (2),

$\text{R}_1$  and  $\text{R}_2$  are the tert-butyl radical;

Q is  $-C_mH_{2m}-[[:]]$  or  $-CH-$   
 $\quad\quad\quad |$   
 $\quad\quad\quad C_mH_{2m+1}$

T is  $-C_nH_{2n}-$ ;

V is  $-O-[[:]]$  or  $-NH-$ ;

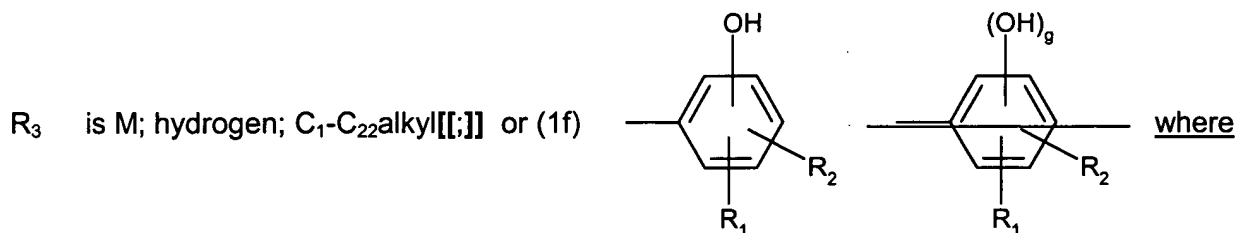
a is 1;

b and d are each independently of one another 0[[:]] or 1;

e is an integer from 1 to 4;

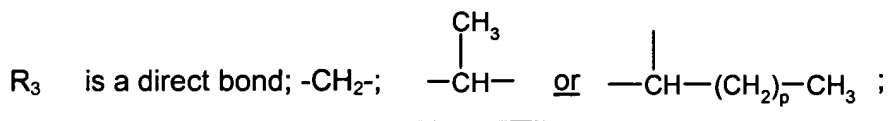
$m_1$  and  $n$  and  $p$  are each independently of one another an integer from 1 to 3;

if  $e = 1$ , then

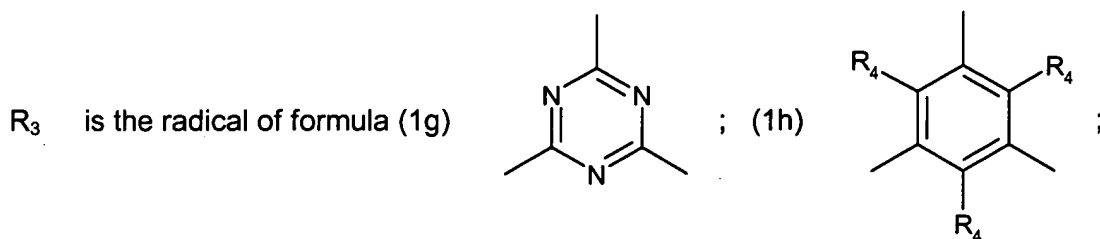


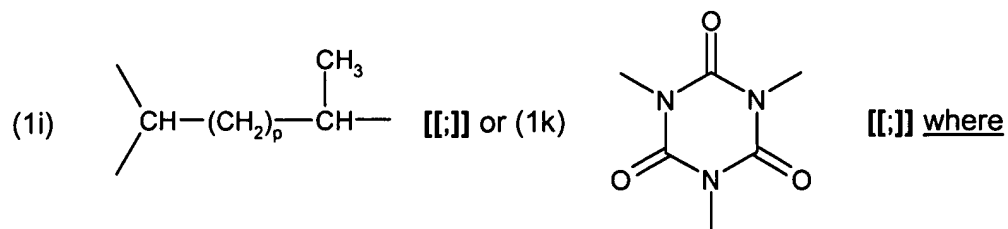
M is alkali[[:]] or ammonium;

if  $e = 2$ , then



if  $e = 3$ , then

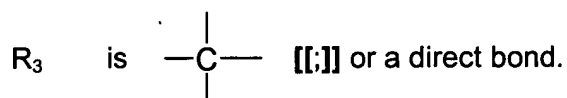




R<sub>4</sub> is hydrogen or C<sub>1</sub>-C<sub>22</sub>alkyl;

and

if e = 4, then



**34. (canceled)**

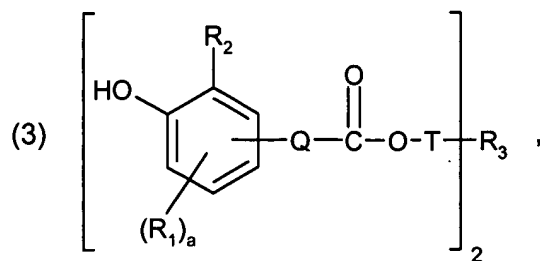
**35. (previously presented)** A method according claim 33, wherein Q is a methylene or ethylene radical.

**36. (previously presented)** A method according to claim 33, wherein V is -O-.

**37. (canceled)**

**38-41. (canceled)**

**42. (currently amended)** A method according to claim 33 $[[40]]$ , which comprises incorporating an antioxidant of formula



wherein

$\text{R}_1$  and  $\text{R}_2$  are the tert-butyl radical;

$\text{Q}$  is  $-\text{C}_m\text{H}_{2m}-$ ;

$\text{R}_3$  is a direct bond  $[[;]]$  or  $\begin{array}{c} \text{CH}_3 \\ | \\ -\text{CH}- \end{array}$  ;

$a$  is 1;

$m$  is 1 to 3;

$\text{T}$  is  $-\text{C}_n\text{H}_{2n}-[[;]]$  and

$n$  is an integer from 1 to 3.

**43. (currently amended)** A method according to claim 42, wherein the antioxidant is a compound of formula (3), wherein

$\text{Q}$  is ethylene  $[[;]]$  and

$\text{R}_3$  is a direct bond  $[[; ]]$  and

$\text{R}_1, \text{R}_2, \text{T}$  and  $a$  are as defined in claim 42.

**44- 46. (canceled)**

**47. (previously presented)** A method according to claim 33, which comprises incorporating the phenolic antioxidants of formula (2) as individual compounds or as a mixture of several individual compounds.

**48. (previously presented)** A method according to claim **33**, which comprises incorporating the antioxidant or the sum of the antioxidants in a concentration of 50 to 1000 ppm.

**49. (previously presented)** A method according to claim **33**, which comprises incorporating the antioxidants together with tocopherol and/or tocopherol acetate.

**50-53. (canceled)**

**54. (previously presented)** A method according to claim **33** in which the body-care products are for the skin and its adnexa.

**55. (currently amended)** A method according to claim **54**, wherein the body-care products are selected from skin-care products, bath ~~and~~ shower additives, preparations containing fragrances ~~and~~ odoriferous substances, hair-care products, dentifrices, deodorising ~~and~~ antiperspirant preparations, decorative preparations, light protection formulations and preparations containing active ingredients.

**56. (previously presented)** A method according to claim **55**, wherein the skin-care products are selected from body oils, body lotions, body gels, treatment creams, skin protection ointments, shaving preparations and skin powders.

**57. (currently amended)** A method according to claim **55**, wherein the preparations containing fragrances ~~and odoriferous~~ selfactory substances are selected from scents, perfumes, toilet waters and shaving lotions.

**58. (currently amended)** A method according to claim **55**, wherein the hair-care products are selected from shampoos, hair conditioners, agents for styling or~~and~~ treating hair, perming agents, hair sprays or~~and~~ lacquers and hair dyeing or bleaching agents.

**59. (currently amended)** A method according to claim **55**, wherein the decorative preparations are selected from lipsticks, nail varnishes, eye shadows, mascara, dry or~~and~~ moist make-up, rouge, powders, depilatory agents and suntan lotions.

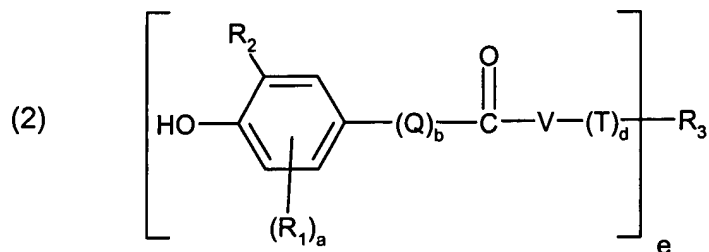
**60. (currently amended)** A method according to claim **55**, wherein the preparations containing active ingredients~~containing cosmetic formulations~~ are selected from hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations.

**61. (currently amended)** A method of preparation of

body-care products selected from body oils, body lotions, body gels, treatment creams, skin powders, skin protection ointments, shaving preparations, bath or~~and~~ shower additives, scents, perfumes, toilet waters, shaving lotions, ~~hair-care products selected from~~ agents for styling or~~and~~ treating hair, perming agents, hair sprays or~~and~~ lacquers, hair dyeing or bleaching agents, dentifrices, deodorizing or~~and~~ antiperspirant preparations, decorative preparations, light protection formulations, ~~and preparations containing active ingredients selected from~~ hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations,

or household products selected from shoe polishes, polishing waxes, floor detergents or~~and~~ polishes, metal, glass or~~and~~ ceramic cleaners, textile care agents, agents for removing rust, color or~~and~~ stains~~[[,]]~~ and furniture or~~and~~ multipurpose polishes, ~~and household products~~

which method comprises incorporating into said body-care or household products~~cleaning and treating agent a~~ one or more phenolic antioxidants of formula



wherein in formula (2),

$\text{R}_1$  and  $\text{R}_2$  are the tert-butyl radical;

$\text{Q}$  is  $-\text{C}_m\text{H}_{2m}-$ ;

$\text{T}$  is  $-\text{C}_n\text{H}_{2n}-$ ;

$\text{V}$  is  $-\text{O}-[\text{;}]$  or  $-\text{NH}-$ ;

$a$  is 1;

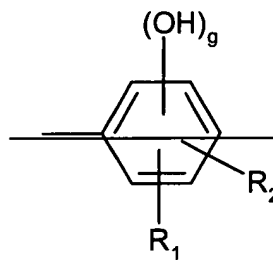
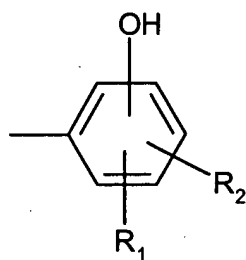
$b$  and  $d$  are each independently of one another 0 or 1;

$e$  is an integer from 1 to 4;

$m$ ,  $n$  and  $p$  are each independently of one another an integer from 1 to 3;

if  $e = 1$ , then

$\text{R}_3$  is M; hydrogen;  $\text{C}_1\text{-C}_{22}\text{alkyl}[\text{;}]$  or (1f)



and where

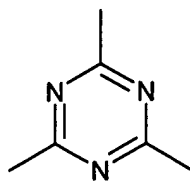
$\text{M}$  is alkali; ammonium;

if  $e = 2$ , then

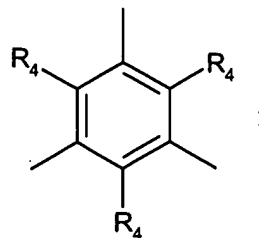
$\text{R}_3$  is a direct bond;  $-\text{CH}_2-$ ;  $\begin{array}{c} \text{CH}_3 \\ | \\ -\text{CH}- \end{array}$  or  $-\text{CH}-(\text{CH}_2)_p-\text{CH}_3$  ;

if  $e = 3$ , then

R<sub>3</sub> is the radical of formula (1g)

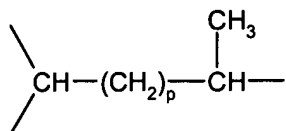


; (1h)

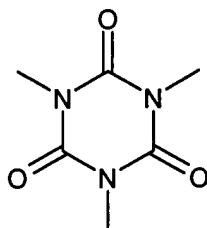


;

(1i)



[[:]] or (1k)

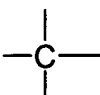


[[:]] where

R<sub>4</sub> is hydrogen or C<sub>1</sub>-C<sub>22</sub>alkyl;

and

if e = 4, then

R<sub>3</sub> is  [[:]] or a direct bond.

**62. (canceled)**

**63. (previously presented)** A body-care composition, which comprises at least one phenolic antioxidant as defined in claim 33 and a cosmetically acceptable adjuvant.

**64. (previously presented)** A household cleaning and treating agent, which comprises a phenolic antioxidant as defined in claim 33.